

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey

Date of Survey 1-10-32

Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>S/S "SANDOWN CASTLE"</i>	LONDON BRITISH	146164	7604	1921-4	+100A1 "SHELTERDECK WITH FREEBOARD"
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	425.5	56.35	36.45	7032.39
Length on LOADLINE.	424.75	MEAN Frame Depth 9 Rule " 7 2 - .33	Ceiling FITTED Sheer +1.05 TANK FALLS 4" + .16"	Peak Tanks
CORRECTED DIMENSIONS.	424.75	56.02	37.66	7032.39

Co-efficient of fineness..... .784  
Any modification necessary } C.D.B.  
[Para. 4 (a) to (e)]\*  
Co-efficient as corrected ..... .46

Sheer { Stem..... 119 } 199 ÷ 2 = 99.5 ... Mean  
at { Sternpost ... 80 }

Sheer at  $\frac{1}{8}$  of the length from { Stem 59 } 99.5 ÷ 2 = 49.75 ... Mean  
{ Sternpost 40.5 } ÷ .55 = 90.45

Gradual mean Sheer ..... 90.45  
Standard mean Sheer [Table, Para. 18] ..... 52.44 Correction  
Difference..... 37.98 ÷ 4 =  
§ If limited as Para. 18 (f) ..... - 9½

Rise in Sheer { At front of bridge house..... ✓  
from amidships  
[Para. 18 (e)] { At after end of forecastle ..... ✓

Fall in Sheer {  
Para. 18 (d) } ÷ 2 =  
Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 11'-0" - 3'-2" ..... 4'-10"  
Correction for Length, if required (Para. 12, 13, and 14) ..... - 3  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 9-8  
Difference ..... 2-1  
Percentage as below..... 24.72  
6.18

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections ..... - 6½

	Length.	Length allowed.	Height.
Forecastle.....	45	45	8-0
Bridge House.....	130	130	8-6
† Raised Qr. Dk.....			
Poop.....			

Total ..... 175  
Length of Ship ..... 424.75 = .412

Corresponding percentage } 24.72  
(Para. 11, 12, 13, or 14)

Moulded Depth as measured..... 38'-7½"

Addition for Keel below base line  
for draught record..... inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 424.75  
Length in Table ..... 463.50  
Difference ..... 38.75  
Correction for 10ft., Table A. .... 1.7 Table C. . 8  
× Difference divided by 10 ..... 6.59 (if required.) 3.1  
If  $\frac{1}{10}$ ths length covered divide by 2 - 6½ - 3

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... 4/12  
Thickness of usual wood deck, less stringer ..... 3½

- 1½

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 55.  
Round of Beam ..... 14½  
Normal round..... 13¾  
Difference ..... 3¾ ÷ 2 = ..... 1½  
Proportion of Deck uncovered (Para. 19) ..... 5.88

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

1.1 - 1

Freeboard, Table A ..... 11'-0"  
Correction for Sheer ..... - 9½  
Correction for Length ..... - 6½  
Allowance for Deck Erections ..... - 6¼  
Correction for Round of Beam..... - 1  
Correction for fall in Sheer (if any).....  
Correction for Steel Deck (if required) ..... - 1½  
Additions for non-compliance with provisions of } 8-11¼  
Para. 11 (d) and (e) † }  
Other Corrections (if any) ..... ✓

Winter Freeboard ..... 8-11¼  
Summer Freeboard ..... 8-3¾  
Indian Summer Freeboard ..... 7-8¾  
N. A. Winter Freeboard ..... ✓

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard from deck line .....  
Summer " " " " .....  
Indian Summer " " " " .....  
N. A. Winter " " " " .....

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, *SHELTER* Steel Deck:—

Tropical Fresh Water Line above Centre of Disc ... 15¾ ✓  
Fresh Water Line " " ... 8½ ✓  
Tropical Line " " ... 7½ ✓  
Winter Line below " " ... 7½ ✓

Tropical Fresh Water Freeboard ... 8'-3¾  
Fresh Water " ... 7'-0"  
Tropical " ... 7'-7½  
Winter " ... 7'-8¾  
" ... 8'-11¼